

HOMOGENIZATION TANK

provides continuous material feeding to the dryer

location
production
area



capacity
15-60 tons
of material *



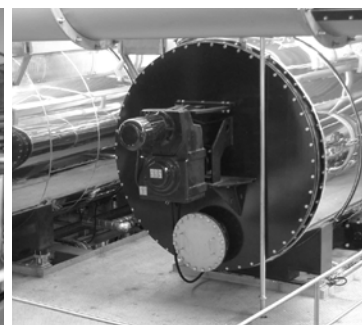
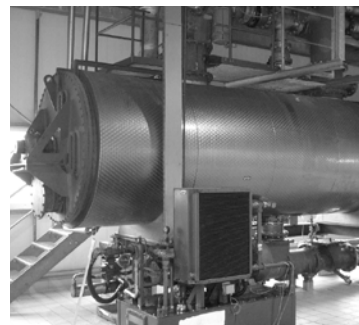
The homogenization tank MZM is a non-pressurized vessel that serves mainly to accumulation and short term storage of precooked material.

The homogenization tank is often fixed on steel construction over the dryer. The material inside is mixed continuously to avoid solid particles settings.

Size and dimensions are always engineered accordingly to type, amount and processing method of the material.

optionally with steam heated shell and rotor

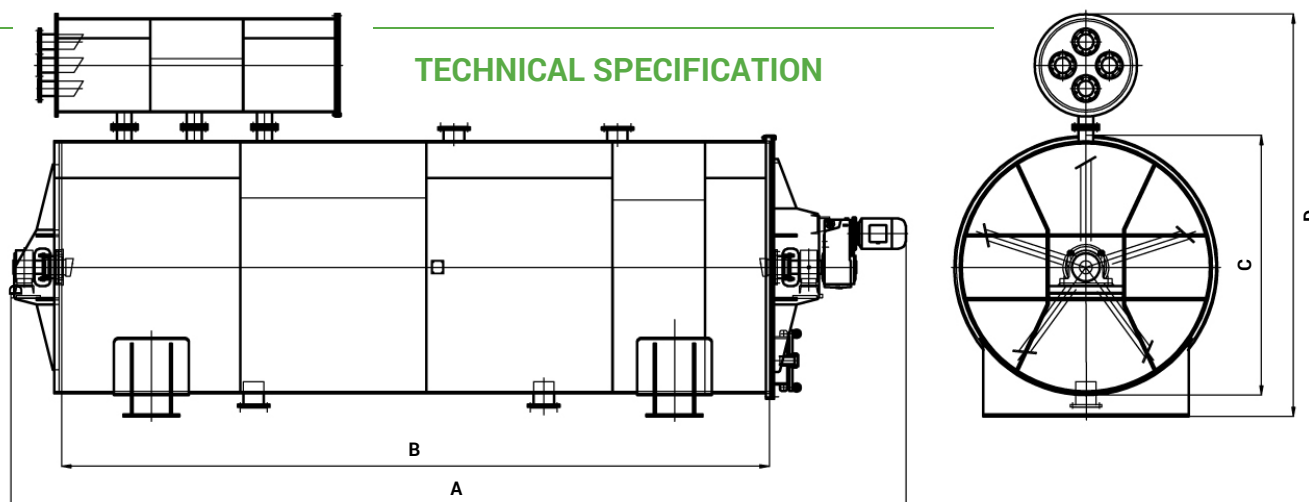
technical support in the design of the proper tank type



The tank is a cylindrical vessel with an agitator, that is mixing the processed material, is provided by a gearbox with an electric motor. An expander, which can be a part of a standard delivery, is mounted on a feeding neck. Its role is to absorb the energy of the material generated by pressure blowing. This expander is made of mild and stainless steel.

Material: mild steel or stainless steel or their combination

Accessories: expander / insulation / supporting frame and service platforms / load cell
steam heated agitator and shell / steam house / field elements and safety valves



basic dimension range *

HOMOGENIZATION TANK		MZM20	MZM25	MZM30	MZM40
VOLUME	m ³	20	25	30	40
POWER	kW	9	11	15	15
WEIGHT	kg	12500	13500	15000	22000
TOTAL LENGTH / A	mm	7300	7500	8800	9600
LENGTH OF SHELL / B	mm	5600	6000	7100	7700
OUTER DIAMETER / C	mm	2200	2300	2400	2700
TOTAL HEIGHT / D	mm	3200	3400	3700	4300

* Performance and dimensions may vary according to application, raw material and consumer's wish.